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Patent

Attorney Docket No. LYNN/0144

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Waheguru Pal Singh

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§ Group Art Unit:
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Serial No: 10/071,872

Filed: February 7, 2002

Examiner: Unknown

For: Extraction of Metals with
Disquaternary Amines

Mail Stop DD

Commissioner for Patents

PO Box 1450

Alexandria, Virginia 22313-1450

Dear Sir:

CERTIFICATE OF MAILING	
37 C.F.R. 1.8	
I hereby certify that this correspondence is being deposited with the U. S. Postal Service as First Class Mail in an envelope addressed to: Mail Stop DD, Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450 on this date below:	
11/13/2003	<i>Golanda Charles</i>
Date	Signature

INFORMATION DISCLOSURE STATEMENT

Pursuant to the duty of candor and good faith set forth in 37 C.F.R. § 1.56, the Applicant hereby discloses on behalf of individuals associated with the filing and prosecution of the present patent application information that might be material to patentability. This disclosure is presented via the enclosed Form PTO-1449.

This disclosure is not intended to constitute an admission that any information is "prior art" with respect to the presently claimed invention.

Copies of the patents and publications cited among the disclosed information are enclosed herewith, with the exception of U.S. Patents & U.S. Patent Applications the requirement for copies of which has been waived by the Office Notice of July 11, 2003 (*if the present patent application was filed after June 30, 2003*).

In the event a fee is required in connection with the enclosed Information Disclosure Statement, the Commissioner of Patents and Trademarks is authorized to charge Deposit Account No. 50-0714/LYNN/0144 for the necessary amount.

Respectfully submitted,



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U.S. Department of Commerce, Patent and Trademark Office	Docket No.	Serial No.
	LYNN/0144	10/071,872
LIST OF RELEVANT ART CITED BY APPLICANT (Use several sheets if necessary)	Applicant	
	Waheguru, Pal Singh	
	Filing Date	Group
	February 7, 2002	

U.S. Patent Documents

*Examiner Initial	Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate

Foreign Patent Documents

							Translation	
		Document Number	Date	Country	Class	Subclass	Yes	No
	A1	ZA 8006992	Oct. 28, 1981	South Africa				

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	B1	International Search Report, Application No. PCT/US 03/05444, International Filing Date 2/24/2003, 3 sheets
	C1	Jan G. H. du Preez, Elmaré S. Herselman, Hans E. Rohwer, and Bennie J.A>M> van Brecht; "Polynitrogen reagents in metal separations. Part 2. Diquaternary ammonium cations as precipitants for cobalt (II) and copper ;(II) in hydrochloric acid medium"; South African Journal of Chemistry, vol 38, no 2, 1985 pages 49053, XP009016468
	D1	J. G. H. du Preez, D. P. Shillington and B.J.A.M. van Brecht; "Polynitrogen Reagents in Metal Separation. Part 1. Diteritary and Diquaternary Ammonium Extractants for Cobalt (II) and Copper (II) in HC1 Medium"; Solvent Extraction and Ion Exchange, vol 2 no 6, 1984 pages 839-858, XP009016470
	E1	XP 002253113, Database CA Online, chemical Abstracts Service, Columbus, Ohio, US; Du Preez, Jan Gysbert Hermanus: "Organic diammonium and related compounds as solvent extractants", retrieved from STN data base accession no 97: 42075

Examiner	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.